

**KEMET Part Number: C0402C109C4GACTU**  
(C0402C109C4GAC7867)

SMD Comm C0G, Ceramic, 1 pF, +/-0.25 pF, 16 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0402



**General Information**

Supplier:	KEMET
Series:	SMD Comm C0G
Style:	SMD Chip
Description:	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Features:	Ultra-Stable, Low Loss, Class I
RoHS:	Yes
Termination:	Tin
Marking:	No
Chip Size:	0402

**Dimensions**

L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
S	0.3mm MIN
B	0.3mm +/-0.1mm

**Packaging Specifications**

Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	10000

**Specifications**

Capacitance:	1 pF
Capacitance Tolerance:	+/-0.25 pF
Voltage DC:	16 VDC
Dielectric Withstanding Voltage:	40 V
Temperature Range:	-55/+125C
Temperature Coefficient:	C0G
Dissipation Factor:	0.10% 1MHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms